

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number
WO 2004/033984 A1

(51) International Patent Classification⁷: F41C 23/10

(74) Agent: CRUTCHER, William, C.; McCormick Paulding & Huber, LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103 (US).

(21) International Application Number:
PCT/US2003/030684

(81) Designated States (national): AE, AU, BA, BZ, CA, CN, CO, CR, DZ, EC, GE, HR, IL, IN, JP, KE, KR, LT, LV, MA, MG, MK, MX, NO, NZ, OM, PH, PL, SD, SG, SY, TN, UA, US, UZ, VN, YU, ZA.

(22) International Filing Date:
25 September 2003 (25.09.2003)

(84) Designated States (regional): Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
60/417,023 7 October 2002 (07.10.2002) US

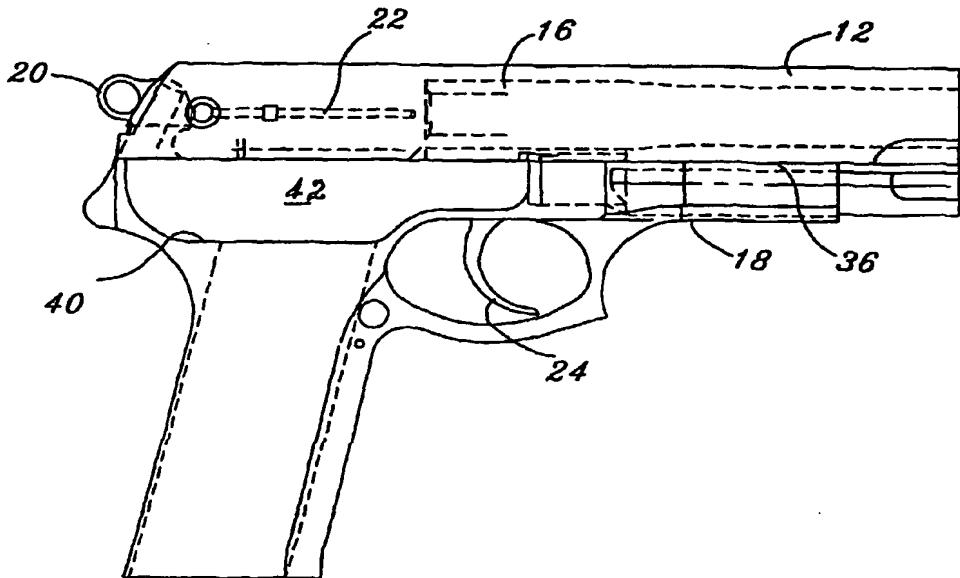
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(71) Applicant and
(72) Inventor: MOORE, Wildey, J. [US/US]; 45 Angevine Road, Warren, CT 06794 (US).

[Continued on next page]

(54) Title: FRAME CONSTRUCTION FOR WITH REMOVABLE SIDE PLATE



WO 2004/033984 A1

(57) **Abstract:** Frame construction for a firearm (10) with a frame (18) and a slide (12) constrained to move longitudinally between a forward and a rearward position but which is also removable from the frame. A recess (39) in the side of the frame contains the Kammer trigger mechanism (26, 38) that is accessible through a side opening (40) in the frame. A thin side plate (42) drops over the side opening and is held at its side edges and bottom edge by flanges (50) on the side plate overlapping congruent grooves in the frame and is held in place at top by the slide. After removing the slide in the conventional manner, the side plate can be slide upwardly and removed using a finger cutout (48) in the side plate.